

# Wool Help Ewe Appre'SHEEP'ate the Wonderful World of Fiber

Your Presenters:

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The fibers we wear.... Are you able to tell the difference?

Natural or Synthetic? Wool, Cotton, Mohair, or OTHER?

Activity: Investigating Samples –  
'Ewe' be the Judge!

# Why Sheep and Goats Matter

- Meat
- Milk
- Fiber
- Weed Control



## Did You Know?



- There are around 1,400 breeds of sheep and around 100 breeds of goats.
- Sheep produce Lanolin, which is an ingredient in lotion.
- Goats were one of the first animals to be tamed by humans.

**A sheep's fleece will grow forever.**

# Types of Looms



Spanish Loom



Navajo Loom

Rio Grande  
Walking Loom



# History of Navajo Churro



- Navajo Churro was the first breed of sheep in the Southwest.
- The Spanish brought them in the late 1500's.
- This breed provided the Spanish with meat, fiber, and milk while traveling along the El Camino Real de Tierra Adentro.

# Debouillet




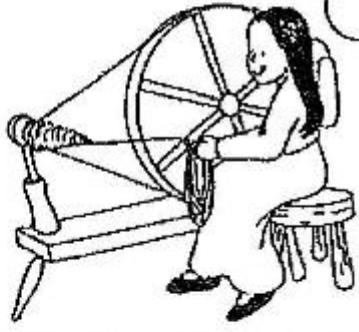


Developed in the 1920's in Tatum, New Mexico. Cross between Delaine Merino and Rambouillet.



## Mimi's Wool Sweater

Look at the pictures below. In the circle in each box, write a number from 1 to 6 to show the correct order of the pictures. Then cut out the boxes, put them in order, paste them on a colored piece of paper. Then color!



 A woman is sitting on a rocking chair, using two needles to knit a piece of fabric. A ball of yarn sits on the floor next to her.	 A woman is sitting on a wooden bench, using a carding comb to separate and align wool fibers. A large pile of wool is on the ground next to her.	 A woman is standing next to a large pot hanging from a wooden frame. The pot is filled with wool and is being heated over a fire. She is holding a stick to stir the contents.
<b>Knitting</b>	<b>Carding</b>	<b>Dyeing</b>
 A woman is sitting on a stool, operating a spinning wheel. She is turning the wheel to spin wool into yarn.	 A woman is kneeling on the ground, washing wool in a large wooden tub. Bubbles are shown in the water.	 A woman is kneeling on the ground, shearing a sheep. She is using clippers to remove the wool, which is falling onto the ground.
<b>Spinning</b>	<b>Washing</b>	<b>Shearing</b>



# Steps in Wool Production



► Shearing

► <https://youtu.be/53KoRxxr1jc>

# Steps in Wool Production



➤ Washing

➤ Drying

# Steps in Wool Production

## ➤ Carding/Combing



# Steps in Wool Production



➤ Spinning



# Steps in Wool Production

## ➤ Weaving/Crochet/Knitting





# Breakout Sessions

Spinning – Britney

Felting - LuAnn

# NAITC Curriculum Matrix

## ***Baa Ram Ewe...Sheep Tales (K - 2nd)***

- <https://agclassroom.org/matrix/lesson/133/>
- Activities include Sheep to Sweater, Felting, and Dyeing (using Kool-Aid).

## ***From Wool to Wheel (3rd - 5th)***

- <https://agclassroom.org/matrix/lesson/412/>
- Students learn the importance of wool in colonial America. Activities include spinning, weaving, and dyeing.

## ***Clothes on the Grow (6th - 8th)***

- <https://agclassroom.org/matrix/lesson/486/>
- Activities include understanding sources of fiber, clothing labels, and how different fabrics burn.

# Does Wool Burn?...



<https://www.youtube.com/watch?v=cRuAe6DkDFg>



Search Lessons    Search Companion Resources    Advanced Search

## Lesson Plans (7)

### [A Common Thread: The Significance of Wool in Medieval England](#)

Students will understand how agriculture influenced and shaped culture, class, and society during the Middle Ages. **Grades 6-8**

### [A Tail of Two Sheep](#)

Students compare and contrast hair sheep and wool sheep, discover the reasons why farmers raise sheep, and explore ways farmers meet the needs of the sheep they raise. **Grades K-2**

### [Baa, Ram, Ewe... Sheep Tales](#)

Students explore the process of making wool into cloth. **Grades K-2**

### [Bartering Through the Seasons](#)

Students investigate the seasons, explore the process of wool production, and discover how trade and barter have historically allowed people to satisfy their needs and wants. **Grades 3-5**

### [Clothes on the Grow](#)

Students will gain a broad understanding of the types and sources of different fibers, examining their origins and observing their differences. Activities in this lesson include examining clothing and clothing labels and observing how different types of fabrics burn. **Grades 6-8**

### [From Wool to Wheel](#)

Students investigate how the need for wool impacted the American colonists by examining the Wool Act of 1699, determining the

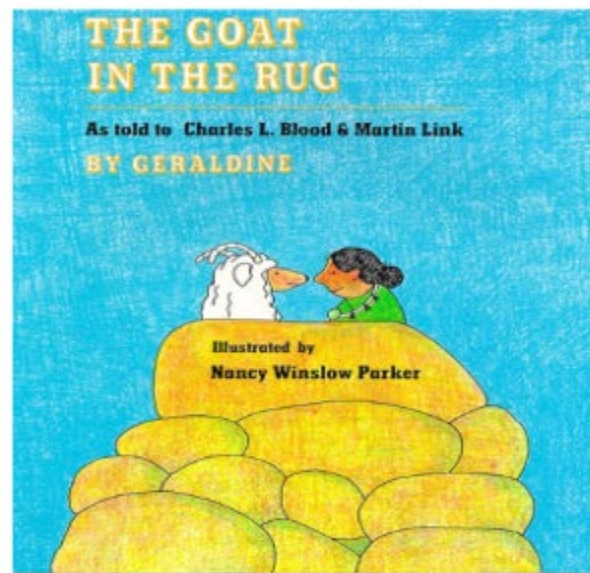
# Agricultural Literacy Project

The New Mexico Ag Literacy Project aims to help connect K-5 classrooms with well trained volunteers within their local communities. We offer detailed trainings that provides volunteers with the resources, materials, and knowledge of how to adapt materials to fit the educational needs of each grade level. This connection is designed to foster in younger students a broader understanding of agriculture as well as encourage an interest in careers associated with agriculture and natural resources. Participating classrooms not only get to connect with local experts in agricultural topics, but also get to keep the book and lesson provided for further exploration and educational opportunities. For more information or to request a volunteer training or presentation for your K-5 classroom please email [agclass1@nmflb.org](mailto:agclass1@nmflb.org).

## The Goat in the Rug

- ▶ Ag Literacy Project Completion Form - 2023-2024 – TGITR
- ▶ Lesson Plan (Grades K-5)
- ▶ Handout and Answer Key (Grades K-5)
- ▶ Natural Resource Bracelet
- ▶ NMFLB and NMAITC Photo Release Form
- ▶ Participation Form
- ▶ Teacher Evaluation Form

For access to the PowerPoint, please email [agclass1@nmflb.org](mailto:agclass1@nmflb.org) to receive a direct download link.



# Community Resources

- **4-H Extension**
- **FFA Chapters**
- **Local Fiber Guilds**
- **Livestock Conservancy**
- **Farm & Livestock Bureau**
- **Land Grant Universities**
- **Local Producers**

➔ What are some others that you can think of?



# Weaving Projects



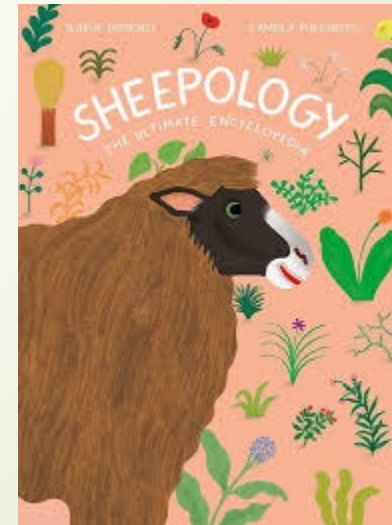
# Books

- Weaving the Rainbow by George Ella Lyon for Pre-K - 2<sup>nd</sup>
- The Goat in the Rug by Geraldine for Pre-K - 3<sup>rd</sup>
- Charlie Needs a Cloak by Tomie dePaola for 1<sup>st</sup> - 4<sup>th</sup>
- Abuela's Weave by Omar S. Castaneda for 1<sup>st</sup> - 4<sup>th</sup>
- Wild Rose's Weaving by Ginger Churchill for Pre-K - 3<sup>rd</sup>
- A Symphony for the Sheep by C. M. Millen for 1<sup>st</sup> - 3<sup>rd</sup>



# Books

- If You Want to Knit Some Mittens by Laura Purdie Salas for Pre-K - 3<sup>rd</sup>
- Where Did My Clothes Come From? by Chris Butterworth for K - 3<sup>rd</sup>
- Sheepology: The Ultimate Encyclopedia by Ilaria Demonti and Camilla Pintonato for 1<sup>st</sup> - 5<sup>th</sup>
- Songs from the Loom: A Navajo Girl Learns to Weave by Monty Roessel for 3<sup>rd</sup> - 6<sup>th</sup>
- The Cloud Spinner by Michael Catchpool for K - 2<sup>nd</sup>
- A New Coat for Anna by Harriet Ziefert for K - 3<sup>rd</sup>
- Homespun Sarah by Verla Kay for K - 3<sup>rd</sup>



## Recommended Companion Resources

- [A New Coat for Anna](#)
- [A Young Shepherd](#)
- [About...Books](#)
- [America's Heartland: Bachelor Sheep Ranch](#)
- [America's Heartland: Wild & Woolly Roundup](#)
- [Brave Dogs, Gentle Dogs](#)
- [Charlie Needs a Cloak](#)
- [Ewe Bee Ewe: A Sheep Tail](#)
- [Farm Animals in a Box](#)
- [Farm Animals: Sheep](#)
- [Farm Pop-Ups](#)
- [From Sheep to Sweater](#)
- [Hands-On With Wool](#)
- [Homespun Sarah](#)
- [How It's Made: Wool](#)
- [If You Want to Knit Some Mittens](#)
- [Sheep Crossing](#)
- [Sheep on the Farm](#)
- [Sheepology: The Ultimate Encyclopedia](#)
- [The Surprise](#)
- [Warm as Wool](#)
- [Weaving the Rainbow](#)
- [Where Did My Clothes Come From?](#)
- [Wild Rose's Weaving](#)
- [Wool Ewe Keep Me Warm? Video](#)

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**Questions?**





**Thank 'Ewe'!!!**